

Enhancing Education Through Technology

Chico Unified School District Target Teacher Memorandum of Understanding

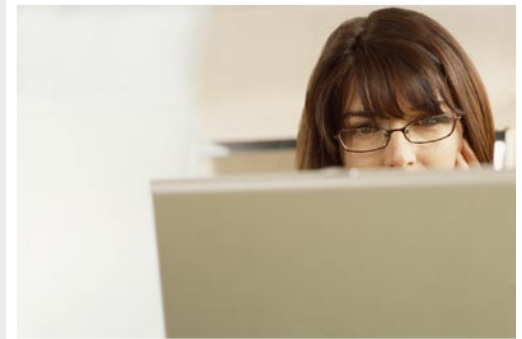
FOCUS: To improve student learning of science content in grades 4 & 5 at Sierra View and Hooker Oak by improving teacher and student technology skills, access to digital tools and resources and home-school communications.

APPROACH: From October – May, 2010, two tech coaches at Hooker Oak and at Sierra View will provide monthly training and ongoing coaching to participating teachers focused on using new digital tools and resources to improve student achievement of 4th and 5th grade science standards.

YEAR TWO FUNDING PERIOD: JULY 1, 2009 - JUNE 30, 2010

EETT C ROUND 7 PROGRAM SMART GOALS

- **Improved student use of technology to increase academic achievement.**
All 4th and 5th grade target students will increase their skill with using digital tools and resources for learning science content by 10% (from 0% to 10%). Increased skill and usage of technology will contribute to improving target 5th grade CST science scores by an average of at least 5% (from 54.5% proficient or better to 59.5%)
- **Increased Teacher use of technology as a tool for instruction.**
All partner teachers will increase their technology skills and integration of digital tools and resources in their science curriculum by 10% (from 0% to 10%) via professional development, onsite coaching and support.
- **Expanded access to up-to-date technology for target students and target teachers.**
All 4th and 5th grade target students and target teachers will have expanded access to digital tools and resources in their classrooms.
- **Increased communication among home, school and community through use of technology.**
Target teachers and students will improve communication between home, school, and community about science related resources, projects, and student accomplishments by 10% (from 20-30%) using their teachers' web pages on their school's web site.



EACH PARTICIPATING TEACHER GETS:

1. Ed Tech Professional Development and coaching.
2. A state of the art laptop computer.
3. A document camera.
4. An LCD projector and screen.
5. Shared access to ten top of the line new digital microscopes.
6. Two class field trips to Chico State's hands-on science lab – including student transportation.
7. Improved classroom access to the internet.
8. A \$1000 stipend at the end of the school year for completing ALL teacher activities and responsibilities.

*Please carefully review the
EETT Round 7 - Year 2
participating teacher
activities & responsibilities
on the following page.*

CHICO UNIFIED SCHOOL DISTRICT

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EETT C ROUND 7: YEAR 2

PARTICIPATING TEACHERS' REQUIRED ACTIVITIES AND RESPONSIBILITIES

Estimated teacher time commitment = ~30 hours: 12hrs of PLC time and 18hrs of independent Portfolio work.

You must complete **ALL five** of the following target teacher activities and responsibilities to receive the \$1000 stipend at the end of the school year **and to be allowed to continue to use all the new digital tools and resources purchased with program funds in your classroom.**

1. **Attend a minimum of 7 of the 8 mandatory EETT C PLC training dates.** The professional development schedule at each site will be set by Tech Coaches. Topics to be addressed are identified in item #2 below. The common science benchmark assessment workshop will be a combined class with teacher participants from both schools.

- | | |
|-------------------------------------|------------------------------------|
| <input type="checkbox"/> 10/20/2009 | <input type="checkbox"/> 2/9/2010 |
| <input type="checkbox"/> 11/3/2009 | <input type="checkbox"/> 3/9/2010 |
| <input type="checkbox"/> 12/8/2009 | <input type="checkbox"/> 4/13/2010 |
| <input type="checkbox"/> 1/12/2010 | <input type="checkbox"/> 5/11/2010 |

2. **Complete the following five required portfolio components and submit to site tech coaches by May 15, 2010.**

- ☐ How to Find & Use FREE online science resources that engage students in standards-aligned content.
Portfolio: In a word document, each target teacher will identify **ten free** standards-aligned online science resources: **five** online science resources for teacher / student use in the classroom and **five** online science resources for parents). These links will be added to the target teachers' new science web page (See training and portfolio item#5).
 - ☐ United Streaming – searching, downloading, storing, and integrating in science lesson plans
Portfolio: Find, download, burn to CD, and use in classroom a minimum of **three** new United Streaming science related clips to be used with target students. In a word document, identify the standard(s) addressed and briefly describe **when** and **how** the three resources were used in the classroom.
 - ☐ Learn to Use Your NEW digital tools – microscopes, doc. cameras, and LCDs
Portfolio: In a word document or online blog, target teachers will provide a brief reflection on how they integrated their new digital tools in their science curriculum.
 - ☐ Develop one end of year common science benchmark assessment, administer to students at least two weeks before STAR testing (by end of March 2010), and analyze student data results.
Portfolio: 4th grade teachers and 5th grade teachers from both school sites work together to develop **one** common science benchmark assessment per grade level. Each teacher is required to administer the common assessment, analyze student outcomes, and provide a brief reflection on the assessment and student outcomes in a word document or online blog.
 - ☐ Create a Teacher / Student Science resource web page using the districts' Freedom software.
Portfolio: In a word document, provide the web address of the target teacher / student science web page linked off the school web site and communication artifact(s) to parents and the community about the new online science resource.
3. **Make arrangements with your site principal to complete a minimum of two classroom observations.**
4. **Arrange dates and transportation for your two class field trips to Chico State's hands-on science lab.**
5. **In May 2010, complete two teacher technology proficiency surveys and administer one brief student technology proficiency survey.**

Teacher's Name:

Email:

School Name:

Phone:

My signature below constitutes my agreement to complete each of the five CUSD EETT C Round 7-Year 2 required activities and responsibilities listed above. In the event that I do not complete ALL five participation requirements, I understand that I forfeit my \$1000 stipend and classroom use of all district purchased EETT C Rd 7 digital tools and resources.

Teacher's Signature:

Date:

